



IFW
Attorney Docket No. 20518/44 (M-1111-1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kurt Haggstrom CONFIRMATION NO.: 2190
APPLICATION NO.: 10/602,897 GROUP ART UNIT: 3763
FILED: June 24, 2003 EXAMINER: Kathryn Thompson
FOR: *CATHETER WITH OCCLUSION RESISTANT TIP*

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

By:

Michelle A. Aiello
Michelle A. Aiello

December 14, 2004
Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.



Application No.: 10/602,897

Filed: June 24, 2003

Group Art Unit: 3763

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each *U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

*** Waiver**

The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. *See* 37 CFR 1.491(b).

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. _____ Except as may be indicated below in (b), **all of the patents, publications or other information are in the English language** or were cited in an English language Search Report, a copy of which is attached hereto **(concise explanation not required)**.

- b. X A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

FR 2 326 941: In accordance with the invention there is provided a needle (as hereinbefore defined) for hemodialysis comprising an elongated hollow cylindrical body, the interior of which is divided into two along the entire length of the needle by a longitudinally extending interior dividing wall, the two internal passageways thus formed each having an opening through which, when the needle is inserted into a vein, blood may be withdrawn or returned to the body.

EP 0341721: The instruments have one or two continuous tubes/channels, from the instrument tip (distal part) to the outlet point, which can be situated at the other (proximal) instrument end or at another point in the instrument. The tip (distal part) of the instrument can have different shapes depending on its purpose, such as, for example, scraper, spoon, scaler, cutter, point, spatula. The other instrument parts can be designed freely depending on their purpose and can have different shapes, dimensions and sizes. For example, treatment instruments of cannula-like shape are particularly well suited for the treatment of abscesses and periodontal disorders or wounds. The instruments are attached to a grip, holder or tube and are connected to a suction unit. Each of these instruments can have in one position an opening in the tube/channel for suction regulation.

EP 0623356: The dual lumen needle (1), according to the present invention, for withdrawal of body fluids, for example blood or tissue fluid, essentially comprises first and second cannulas (3, 12) arranged in parallel. The first cannula (3) has an insertion needle (2) which can be removed after insertion of the withdrawal needle (1) and whose ground end (4) projects beyond the first cannula (3). Furthermore, the handle (8) of the withdrawal needle (1) comprises connections (10, 11) for the two cannulas (3, 12) as well as a separate opening sealed by an elastic stopper (18) for withdrawal of the insertion needle (2). The second cannula (12) is integrally formed with the first cannula (3), and the wall of the first cannula (3) has wall openings (5) in that region which is not occupied by the second cannula (12).

c. _____ The following additional information is provided for the Examiner's consideration:

FEES

IV. **THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)**

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☒ **before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required.** In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account 500369 a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. **THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):**

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

- b. ☒ See the certification below. No fee is required.

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Filed: June 24, 2003

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VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. _____ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. _____ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

_____ Please charge Deposit Account No. 500369 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

 X No fee is required.

Application No.: 10/602,897
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VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.704(d) (PATENT TERM
ADJUSTMENT)

Applies to original applications (other than design) filed on or after May 29, 2000

- a. Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- b. X Enclosed herewith is form PTO-1449.
- c. X Some of the listed references were cited in the enclosed International Search Report in a counterpart foreign application.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 500369.

Date: 12/10/04

Respectfully submitted,



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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO. 20518/44 (M-1111-1)		SERIAL NO. 10/602,897	
				APPLICANT(S): Kurt Haggstrom			
				FILING DATE: June 24, 2003		ART UNIT: 3763	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
		701,075	05/27/1902	McCully			
		2,541,691	02/13/1951	Eicher			
		4,134,402	01/16/1979	Mahurkar	128	214 R	
		4,443,333	04/17/1984	Mahurkar	210	87	
		4,568,329	02/04/1986	Mahurkar	604	43	
		4,583,968	04/22/1986	Mahurkar	604	43	
		4,601,697	07/22/1986	Mammolenti et al.	604	43	
		4,604,379	08/05/1986	Twardowski et al.	514	21	
		4,675,004	06/23/1987	Hadford et al.	604	44	
		4,682,978	07/28/1987	Martin	604	43	
		4,687,471	08/18/1987	Twardowski et al.	604	175	
		4,692,141	09/08/1987	Mahurkar	604	43	
		4,770,652	09/13/1988	Mahurkar	604	4	
		4,772,269	09/20/1988	Twardowski et al.	604	175	
		4,808,155	02/28/1989	Mahurkar	604	43	
		4,842,582	06/27/1989	Mahurkar	604	43	
		4,883,426	11/28/1989	Ferrer	433	91	
		4,895,561	01/23/1990	Mahurkar	604	43	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Publication No. US 2002/0065492 A1, McGuckin, Jr., et al., Publication Date 05/30/2002.							
Examiner:				Date:			

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		4,904,238	02/27/1990	Williams	604	43	
		5,009,636	04/23/1991	Wortley et al.	604	43	
		5,015,184	05/14/1991	Perry et al.	433	93	
		5,171,227	12/15/1992	Twardowski et al.	604	175	
		5,197,951	03/30/1993	Mahurkar	604	93	
		5,209,723	05/11/1993	Twardowski et al.	604	43	
		5,221,255	06/22/1993	Mahurkar	604	43	
		5,221,256	06/22/1993	Mahurkar	604	43	
		5,273,527	12/28/1993	Schatz et al.	604	43	
		5,281,134	01/25/1994	Schultz	433	29	
		5,282,788	02/01/1994	Wilk et al.	604	49	
		5,290,282	03/01/1994	Casscells	606	29	
		5,318,518	06/07/1994	Plechinger et al.	604	43	
		5,336,165	08/09/1994	Twardowski	604	5	
		5,374,245	12/20/1994	Mahurkar	604	43	
		5,378,230	01/03/1995	Mahurkar	604	43	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
		WO 95/10317	04/20/1995	PCT	A61M	29/00	Y
		EP 0107810	05/09/1984	EP	A61B	5/14	Y
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Examiner:				Date:			

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		5,403,291	04/04/1995	Abrahamson	604	280	
		5,405,320	04/11/1995	Twardowski et al.	604	43	
		5,405,341	04/11/1995	Martin	604	284	
		5,419,777	05/30/1995	Hofling	604	264	
		5,451,216	09/19/1995	Quinn	604	270	
		5,464,398	11/07/1995	Haindl	604	280	
		5,484,397	01/16/1996	Twardowski	604	5	
		5,486,159	01/23/1996	Mahurkar	604	4	
		5,509,897	04/23/1996	Twardowski et al.	604	43	
		5,536,234	07/16/1996	Newman	600	104	
		5,549,541	08/27/1996	Muller	600	105	
		5,554,136	09/10/1996	Luther	604	264	
		5,562,640	10/08/1996	McCabe et al.	604	280	
		5,569,182	10/29/1996	Twardowski et al.	604	43	
		5,571,093	11/05/1996	Cruz et al.	604	270	
		5,607,440	03/04/1997	Danks et al.	606	185	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
		EP 0341721	11/15/1989	EP	A61C	3/00	N
		EP 0555780	08/18/1993	EP	A61M	25/00	Y
		EP 0623356	11/09/1994	EP	A61M	1/00	N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
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		5,685,867	11/11/1997	Twardowski et al.	604	280	
		5,707,351	01/13/1998	Dorsey, III	604	30	
		5,725,495	03/10/1998	Strukel et al.	604	44	
		5,776,092	07/07/1998	Farin et al.	604	22	
		5,782,797	07/21/1998	Schweich, Jr. et al.	604	49	
		5,785,678	07/28/1998	Griep et al.	604	28	
		5,788,680	08/04/1998	Linder	604	280	
		5,788,681	08/04/1998	Weaver et al.	604	280	
		5,801,012	09/01/1998	Soff et al.	435	68.1	
		5,830,196	11/03/1998	Hicks	604	280	
		5,858,009	01/12/1999	Jonkman	604	264	
		5,902,476	05/11/1999	Twardowski	210	143	
		6,063,099	05/16/2000	Danks et al.	606	185	
		6,086,565	07/11/2000	Ouchi	604	187	
		6,126,631	10/03/2000	Loggie	604	43	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
		UK 2028136	03/05/1980	GB	A61M	25/00	Y
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
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		6,132,616	10/17/2000	Twardowski et al.	210	646	
		6,146,536	11/14/2000	Twardowski	210	646	
		6,152,910	11/28/2000	Agro et al.	604	523	
		6,190,357	02/20/2001	Ferrari et al.	604	102.01	
		6,299,444	10/09/2001	Cohen	433	91	
		6,409,700	06/25/2002	Siegel, Jr. et al.	604	43	
		6,423,050	07/23/2002	Twardowski	604	500	
		6,428,502	08/06/2002	Lang	604	28	
		6,576,609	06/10/2003	Soff et al.	514	12	12/16/1997
		6,592,565	07/15/2003	Twardowski	604	500	04/26/2001
		D208,838	10/03/1967	St. Amand	D83	1	
		D254,270	02/19/1980	Ziegler	D24	23	
		D272,651	02/14/1984	Mahurkar	D24	54	
		D289,682	05/05/1987	Dragan	D24	16	
		D292,825	11/17/1987	Dragan	D24	16	
		D298,461	11/08/1988	Manno	D24	51	
		D312,872	12/11/1990	Mähl	D24	10	

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